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UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Electrification Administration
Washington 25, D. C.

GENERAL CONSTRUCTION
BULLETIN NUMBER 166

July 8, 1949

PART I
APPROVED CONSTRUCTION CONTRACTS
AWARDED BY REA BORROWERS.

Alabama 23K Pike: South Alabama Electric Cooperative, Troy, Ala., to G. R. Wood and Co., 711 Virginia St., Mobile, Ala., \$116,406.66 for the construction of 109.3 miles of line to serve 322 members. Engineer (1) last page. PLEASE NOTE: NAMES AND ADDRESSES OF SYSTEM ENGINEERS are furnished on the last page of this bulletin. All numbers shown in () space are keyed to like numbers listed with the names and addresses.

Arkansas 13M Johnson: Arkansas Valley Electric Cooperative Corp., Ozark, Ark., to B. B. Winsett, Memphis, Tenn., \$154,858.30 for the construction of 123.77 miles of line to serve 389 members. Engineer (2).

Arkansas 15T Woodruff: Woodruff Electric Cooperative, Inc., Augusta, Ark., to Line Construction Co., Clarksdale, Miss., \$307,737.91 for the construction of 321 miles of line to serve 975 members. Engineer (3).

Arkansas 33G Polk: Rich Mountain Electric Cooperative, Mena, Ark., to Killoren Electric Co., 116 S. Superior St., Appleton, Wisc., \$95,504.14 for the construction of 83.84 miles of line to serve 175 members. Engineer (4).

Iowa 69H&K Henry: S. E. Iowa Electric Cooperative Association, Mt. Pleasant, Ia., to Hoak Construction Co., 621 63rd St., Des Moines, Ia., \$84,902.95 for the construction (labor only) of 259.5 miles of line to serve 556 members. Engineer (5).

Iowa 79N Clarke: Clarke Electric Cooperative, Inc., Osceola, Ia., to Stewart, Inc., Anamosa, Ia., \$50,002.90 for the construction (labor only) of 154.4 miles of line to serve 398 members. Engineer (5).

Kansas 19E Butler: Butler Rural Electric Cooperative Association, El Dorado, Kans., to J & J Construction Co., 1813 First National Bank Bldg., Oklahoma City, Okla., \$72,632.76 for the construction (labor only) of 205 miles of line to serve 310 members. Engineer (6).

Kansas 27L Morris: Flint Hills Rural Electric Cooperative Association, Inc., P. O. Box 268, Council Grove, Kans., to Pendleton Construction Co., 326 Leonhardt Bldg., Oklahoma City 2, Okla., \$147,914.58 for the construction (labor only) of 341 miles of line to serve 578 members. Engineer (6).

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Kansas 45B&C Ellsworth: Smoky Hill Electric Cooperative Association, Inc., Ellsworth, Kans., to J & J Construction Co., 1813 First National Bank Bldg., Oklahoma City, Okla., \$420,913.94 for the construction of 416 miles of line to serve 419 members. Engineer (7).

Kansas 47C&D Trego, Section I: Western Cooperative Electric Association, Wakeeney, Kans., to E. L. Niehaus, Lamar, Mo., \$67,453.06 for the construction (labor only) of 299 miles of line to serve 255 members. Engineer (6).

Kansas 49B Cheyenne: Northwest Kansas Electric Cooperative Association, Inc., Bird City, Kans., to A. B. Reither Construction Co., 1908 Clermont St., Denver, Colo., \$34,031.00 for the construction (labor only) of 157 miles of line to serve 136 members. Engineer (8).

Kentucky 55S Henderson, Section II: Henderson-Union Rural Electric Cooperative Corp., Henderson, Ky., to L.P. & H Construction Co., Box 210, Linton, Ind., \$263,642.36 for the construction of 217 miles of line to serve 536 members. Engineer (3).

Louisiana 13P&R East Baton Rouge: Dixie Electric Membership Corp., 2900 N St., Baton Rouge, La., to R. D. Cooper Construction Co., Box 348, Ferriday, La., \$18,151.29 (labor only) for conversion, rephasing, reconductoring and new construction for a total of approximately 43 miles.

Maryland 4Z St. Marys: Southern Maryland Electric Cooperative, Inc., Hughesville, Md., to Dewey G. Weddle and Co., Norfolk, Va., \$12,023.70 for the construction of two substations. Engineer (9).

Maryland 7X1 Carolina, Choptank Electric Cooperative, Inc., Denton, Md., to McKinley Construction Co., Inc., Arlington, Va., \$199,293.25 for the construction of 117.2 miles of line to serve 296 members. Engineer (9).

Michigan 33N&R Charlevoix, Section III: Top O'Michigan Rural Electric Co., Boyne City, Mich., to Davis-Hydaker Co., Spencerville, Ohio, \$53,982.40 for the construction (labor only) of 143 miles of line to serve 430 members. Engineer (10).

Minnesota 39S Chippewa: Minnesota Valley Cooperative Light & Power Association, Montevideo, Minn., to McGraw Construction Co., First National Bank Bldg., Middletown, Ohio, \$371,079.39 for the construction of 302 miles of line to serve 456 members. Engineer (11).

Minnesota 81F&G Aitkin: Mille Laca Region Cooperative Power & Light Association, Aitkin, Minn., to George B. Determan and Sons, Melrose, Minn., \$179,288.37 for the construction of 159 miles of line to serve 270 members. Engineer (11).

Minnesota 87H Marshall: P. K. M. Electric Cooperative, Inc., Warren, Minn., to Delta Construction Co., Clarksdale, Miss., \$873,229.29 for the construction of 667 miles of line to serve 828 members. Engineer (12).

Missouri 30U Lawrence: Ozark Electric Cooperative, Inc., Mt. Vernon, Mo., to McGraw Construction Co., Inc., First National Bank Bldg., Middletown, Ohio, \$461,860.96 for the construction of 314.5 miles of line to serve 696 members. Engineer (6).

Missouri 40N&P Pettis: Central Missouri Electric Cooperative, Inc., Sedalia, Mo., to Cater Electrical Construction Co., Inc., 1016 Baltimore Ave., Kansas City 8, Mo., \$415,163.09 for the construction of 307.6 miles of line to serve 644 members. Engineer (6).

Missouri 44L,M,N&P Grundy: Grundy Electric Cooperative, Inc., Trenton, Mo., to C & S Engineering and Construction Corp., P. O. Box 116, Shelby, N. C., \$103,476.77 for the construction (labor only) of 281 miles of line to serve 711 members. Engineer (6).

Missouri 55L Cedar: Sac-Osage Electric Cooperative, Inc., El Dorado Springs, Mo., to McGraw Construction Co., Inc., First National Bank Bldg., Middletown, Ohio, \$124,416.57 for the construction (labor only) of 326.7 miles of line to serve 717 members. Engineer (6).

Montana 5E Richland: Lower Yellowstone Rural Electric Association, Inc., Sidney, Mont., to Williston Construction Co., Williston, N. D., \$125,433.00 for the construction (labor only) of 392.7 miles of line to serve 318 members. Engineer (13).

Montana 25E&F Sheridan, Section I: Sheridan County Electric Cooperative, Inc., Westby, Mont., to Sydney T. Olson, Jr., Box 249, Billings, Mont., \$115,498.95 for the construction (labor only) of 291.8 miles of line to serve 250 members. Engineer (13).

Nebraska 66F Nebraska: Northeast Nebraska Rural Public Power District, Emerson, Nebr., to Mork's Hardware & Electric Co., Clarkfield, Minn., \$39,060.94 for the construction (labor only) of 128.4 miles of line to serve 159 members. Engineer (14).

Nebraska 81N&R Cornhusker: Cornhusker Rural Public Power District, Columbus, Nebr., to Jacobs & Doyle Construction Co., Edgewood, Ia., \$208,908.45 for the construction of 193.5 miles of line to serve 313 members. Engineer (15).

North Dakota 31B Burke: Burke-Divide Electric Cooperative, Inc., Columbus, N. D., to Rosebud Construction Co., Minot, N. D., \$49,386.70 for the construction (labor only) of 146.73 miles of line to serve 155 members. Engineer (16).

North Dakota 34Cl Slope: Slope Electric Cooperative, Inc., New England, N. D., to Hohman Construction Co., Pelican Rapids, Minn., \$62,702.00 for the construction (labor only) of 212 miles of line to serve 187 members. Engineer (16).

North Dakota 35C Burleigh: Capital Electric Cooperative, Inc., Bismarck, N. D., to Rue Contracting Co., Fargo, N. D., \$432,876.90 for the construction of 372.4 miles of line to serve 273 members. Engineer (16).

Ohio 84G Carroll, Section I: Carroll Electric Cooperative, Inc., Carrollton, Ohio, to Electrical Constructors, Inc., 3932 Frankfort Ave., St. Matthews, Ky., \$39,421.45 for system improvements including 2.43 miles of tie line and the conversion of 14.7 miles of line. Engineer (17).

Oklahoma 16N Pontotoc: People's Electric Cooperative, Ada, Okla., to Crews and Ward Construction Co., Columbia, Miss., \$114,571.97 for the construction (labor only) of 340.19 miles of line to serve 800 members. Engineer (18).

Tennessee 21L Franklin: Duck River Electric Membership Corp., Shelbyville, Tenn., to Irby Construction Co., 817 South State St., Jackson, Miss., \$475,094.90 for the construction of 388.45 miles of line to serve 1416 members. Engineer (19).

Tennessee 38E Jefferson: Appalachian Electric Cooperative, Jefferson City, Tenn., to Irby Construction Co., 817 South State St., Jackson, Miss., \$366,173.99 for the construction of 234 miles of line to serve 1191 members. Engineer (20).

Texas 86N,P&R Comanche, Section I: Comanche County Electric Cooperative Association, 204 W. Central, Comanche, Texas, to B-Linc Construction Co., 520 First National Bank Bldg., Oklahoma City, Okla., \$247,718.81 for the construction of 248 miles of line to serve 523 members. Engineer (21).

Texas 144B&D Kinney, Section I: Rio Grande Electric Cooperative, Inc., Brackettville, Texas, to Taylor Construction Co., P. O. Box 472, Taylor, Texas, \$319,669.90 for the construction of 320 miles of line to serve 113 members. Engineer (22).

Virginia 22Y Caroline: Virginia Electric Cooperative, Bowling Green, Va., to R. J. Guthrie, 503 Manteo St., Norfolk, Va., \$18,469.00 for the construction (labor only) of four substations. Engineer (23).

PART II - APPROVED PRELIMINARY PLANS AND SPECIFICATIONS

Arkansas 26M Fulton: North Arkansas Electric Cooperative, Inc., Salom, Ark., 344.5 miles; 1179 members. Engineer (25).

Mississippi 28R Hancock, Section II: Coast Electric Power Association, Bay St. Louis, Miss., (final) 94 miles; 161 members. Engineer (24).

Mississippi 45P Clarke-Lauderdale: East Mississippi Electric Power Association, Meridian, Miss., (final) 236 miles; 700 members. Engineer (25).

Mississippi 56A Alcorn: Alcorn County Electric Power Association, Corinth, Miss., 160 miles; 569 members. Engineer (25).

Missouri 27N Bates: Osage Valley Electric Cooperative Association, Butler, Mo., 329.66 miles; 552 members. Engineer (6).

Oklahoma 18M&S Beckham: Northfork Electric Cooperative, Sayre, Okla., 207 miles; 280 members. Engineer (26).

Oklahoma 24N Lincoln: Central Rural Electric Cooperative, Stillwater, Okla., 236.54 miles; 348 members.

Oklahoma 33G Latimer: Kiamichi Electric Cooperative, Wilburton, Okla., 132.9 miles, 337 members. Engineer (4).

South Dakota 21F Brown: Northern Electric Cooperative, Inc., Aberdeen, S. D., 603.5 miles; 542 members. Engineer (27).

NAMES AND ADDRESSES OF SYSTEM ENGINEERS (Expl. Item 1, page 1.)

1. Lanier Engineering Co., 102 $\frac{1}{2}$ Elm St., Troy, Ala.
2. H. B. Gieb and Associates, 1207 Texas Bank Bldg., Dallas, Tex.
3. Chanaberry Engineering Co., Inc., 309 S. 3rd St., Louisville, Ky.
4. George C. Hengy and Co., 1007 $\frac{1}{2}$ Texas Ave., Shreveport, La.
5. Stanley Engineering Co., Hershey Bldg., Muscatine, Ia.
6. Frank Horton and Company, Lamar, Mo.
7. Flora Engineering Co., 306 Crawford Bldg., Topeka, Kans.
8. William H. Burgwin, 422 $\frac{1}{2}$ N. 7th St., Fredonia, Kans.
9. B. O. Vannort Engineers, Inc., 218 W. Second St., Charlotte 2, N. C.
10. J. and G. Daverman Co., 301 Keeler Bldg., Grand Rapids 2, Mich.
11. United Engineering Service, 600 Kasota Bldg., Minneapolis, Minn.
12. Ellerbe and Co., E-505 First National Bank Bldg., St. Paul 1, Minn.
13. Montana State Water Conservation Board, Helena, Mont.
14. Henningson Engineering Co., 626 Standard Oil Bldg., Omaha, Nebr.
15. Raymond H. Reed & Co., 2305 $\frac{1}{2}$ 13th St., Columbus, Nebr.
16. Ulteig Engineering Corp., 1114 $\frac{1}{2}$ Front St., Fargo, N. D.
17. Blue Grass Engineers, Inc., 402 N. Limestone St., Lexington 43, Ky.
18. Archer and Handley, P. O. Box 449, Ada, Okla.
19. William M. Wilson, East Side Public Square, Shelbyville, Tenn.
20. Pat M. Sullivan, 905 Stahlman Bldg., Nashville, Tenn.
21. Freese and Nichols, 407 Danciger Bldg., Fort Worth, Tex.
22. Lodal and Associates, 1408 Transit Tower, San Antonio, Tex.
23. C. W. Hylton, Bowling Green, Va.
24. Pepper and Mathews, Yazoo City, Miss.
25. Allen and Hoshall, 65 McCall Place, Memphis 3, Tenn.
26. C. H. Guernsey and Co., 1414B N. Robinson Ave., Oklahoma City, Okla.
27. Buell and Winter, 508 Ins. Exchange Bldg., Sioux City 13, Ia.

